



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8509

SERIAL NUMBER 10/687,326	FILING OR 371(c) DATE 10/16/2003 RULE	CLASS 714	GROUP ART UNIT 2114	ATTORNEY DOCKET NO. S01.12-1225/ STL 11150	
APPLICANTS Robert Cronch, Emond, OK;					
** CONTINUING DATA *****					
** FOREIGN APPLICATIONS *****					
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 01/21/2004					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		STATE OR COUNTRY OK	SHEETS DRAWING 10	TOTAL CLAIMS 26	INDEPENDENT CLAIMS 2
ADDRESS 27365					
TITLE METHOD AND APPARATUS TO IMPROVE MAGNETIC DISC DRIVE RELIABILITY USING EXCESS UN-UTILIZED CAPACITY					
FILING FEE RECEIVED 1178	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		